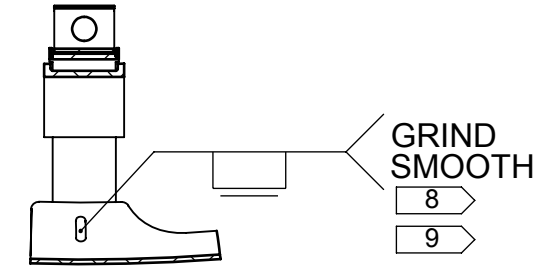
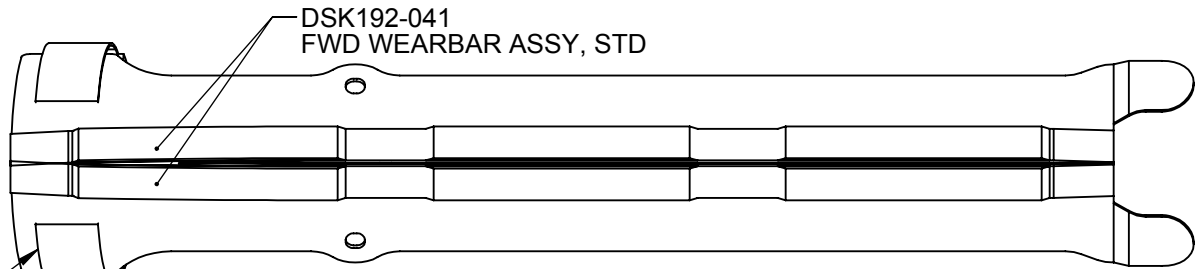
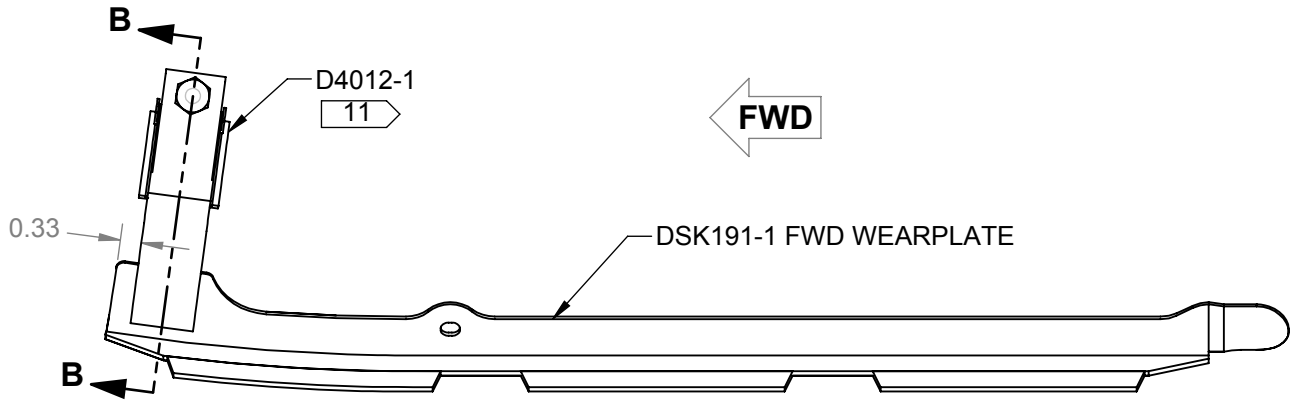
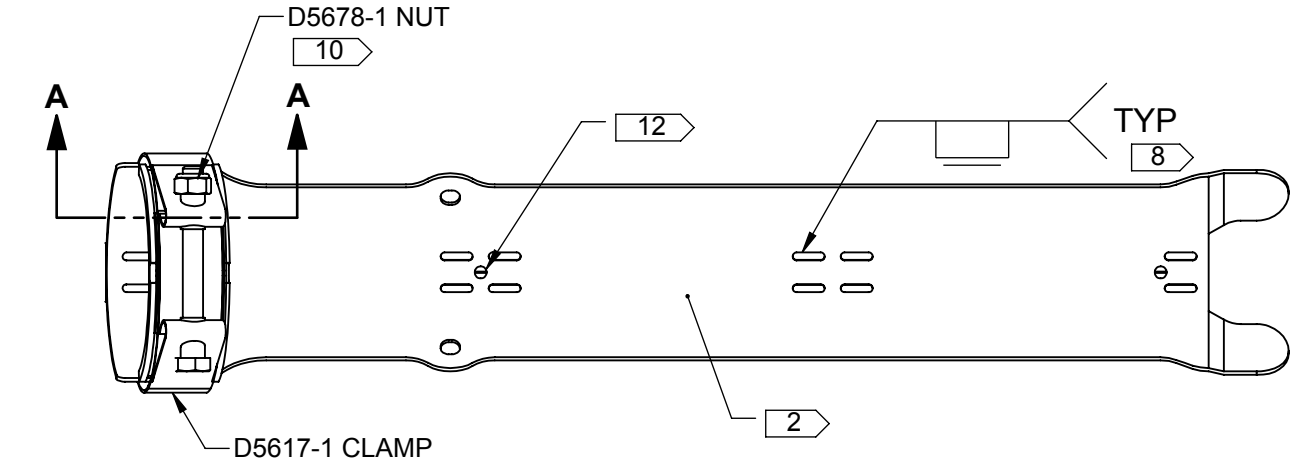


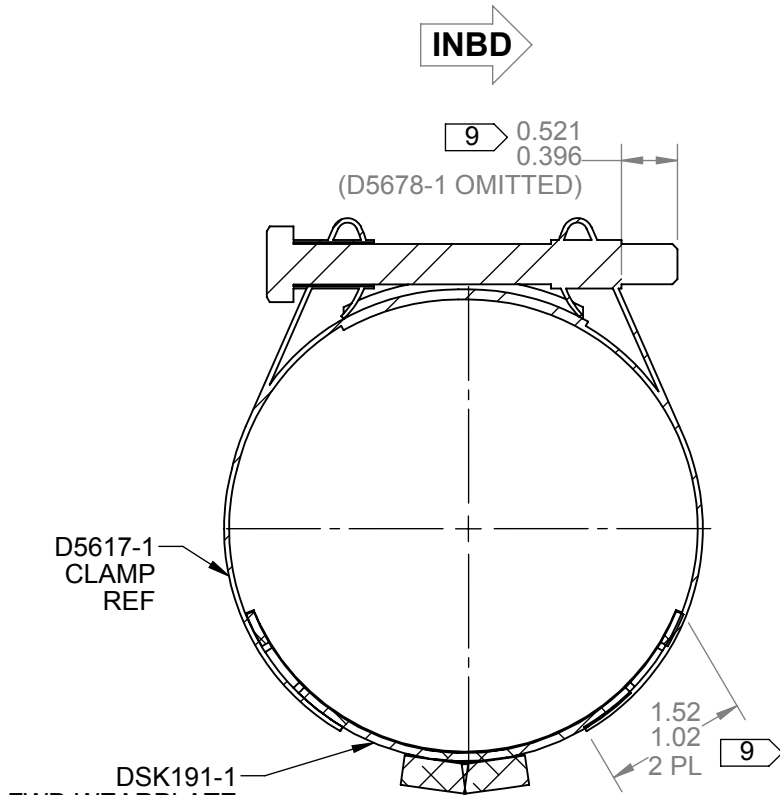
QTY -041	P/N	DESCRIPTION
X	DSK191-041	FWD WEARPLATE ASSY, STD
1	DSK191-1	FWD WEARPLATE
2	DSK192-041	FWD WEARBAR ASSY, STD
1	D4012-1	CUSHION
1	D5617-1	CLAMP
1	D5678-1	NUT



SECTION A-A  
EACH SIDE



DSK191-041 FWD WEARPLATE ASSY, STD



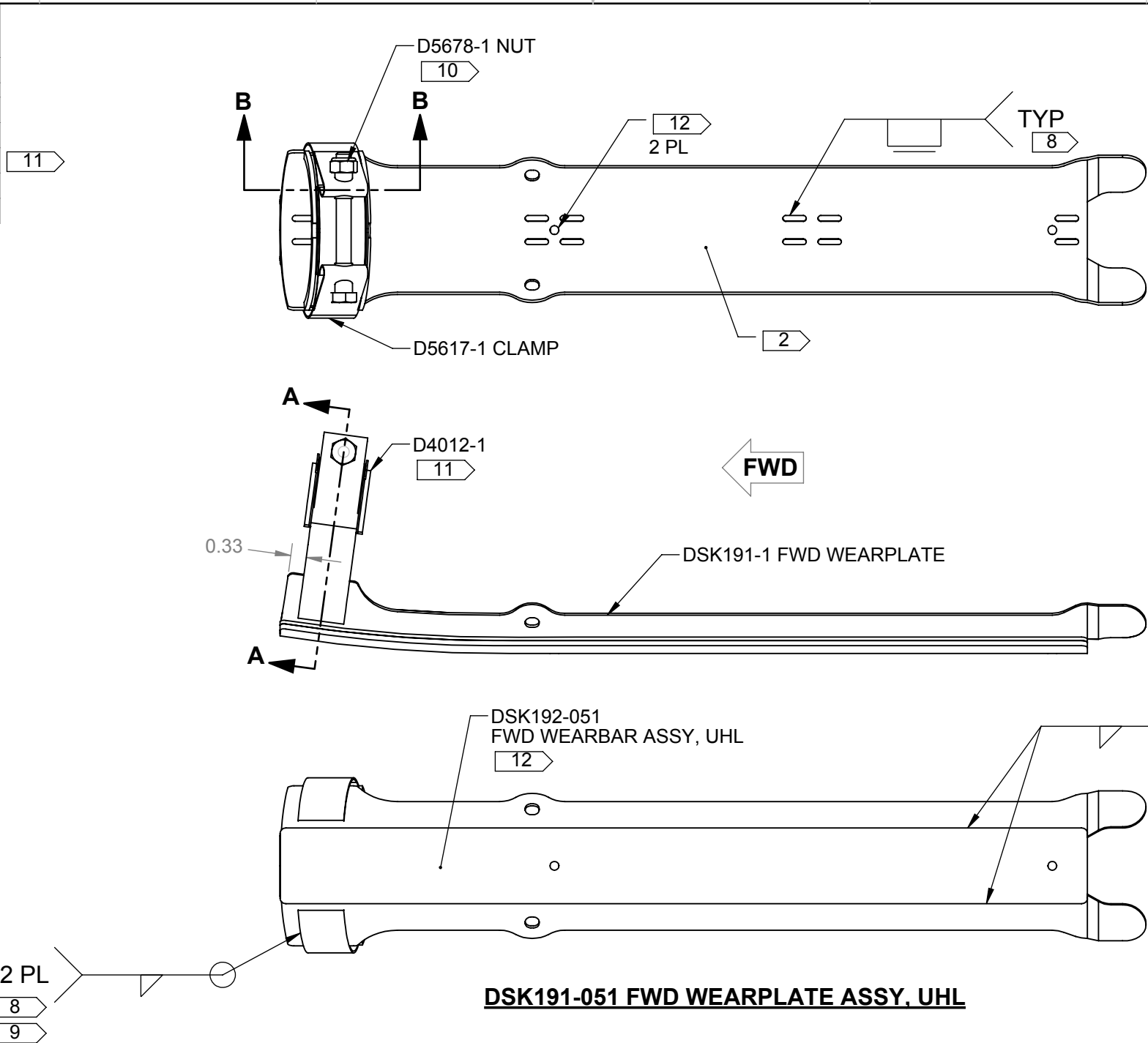
SECTION B-B  
(D4012-1 & D5678-1 OMITTED FOR CLARITY)

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: COAT ENTIRE TOP (CONCAVE) SURFACE WITH TEXTURED COATING PER DART QSI 005 4.9  
MASK D5617-1 CLAMPS PRIOR TO FINISH
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "DSK191-041" AND S/N PER DART QSI 044 6.1
  - 7) WEIGHT: 3.393.39 lbs
  - 8) WELD PER DART QSI 004
  - 9) ENSURE WELDED CLAMP FITS AROUND A 3.620 DIAMETER WITH 0.375-0.500 THREADS EXPOSED WHEN SNUG
  - 10) INSTALL HAND TIGHT ONLY
  - 11) SHOWN FOR REF ONLY, SHIP LOOSE
  - 12) TRANSFER DRILL  $\varnothing$ 0.188 DRAIN HOLES FROM WEARPLATE THROUGH WEARBAR, OPEN HOLES TO  $\varnothing$ 0.188 AFTER FINISH IF REQUIRED

PRELIMINARY ISSUE

A	NEW ISSUE	ZF	19.08.06
REV.	DESCRIPTION	BY	DATE
DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	ZF		
CHECKED	SAD	DRAWING NO.	REV. A2
MFG. APPR.	DD	<b>DSK191</b>	SHEET 1 OF 15
APPROVED		TITLE	SCALE
DE APPR.		<b>TRAINING WEARPLATES</b>	NTS
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QTY -051	P/N	DESCRIPTION
X	DSK191-051	FWD WEARPLATE ASSY, UHL
1	DSK191-1	FWD WEARPLATE
1	DSK192-051	FWD WEARBAR ASSY, UHL
1	D4012-1	CUSHION
1	D5617-1	CLAMP
1	D5678-1	NUT



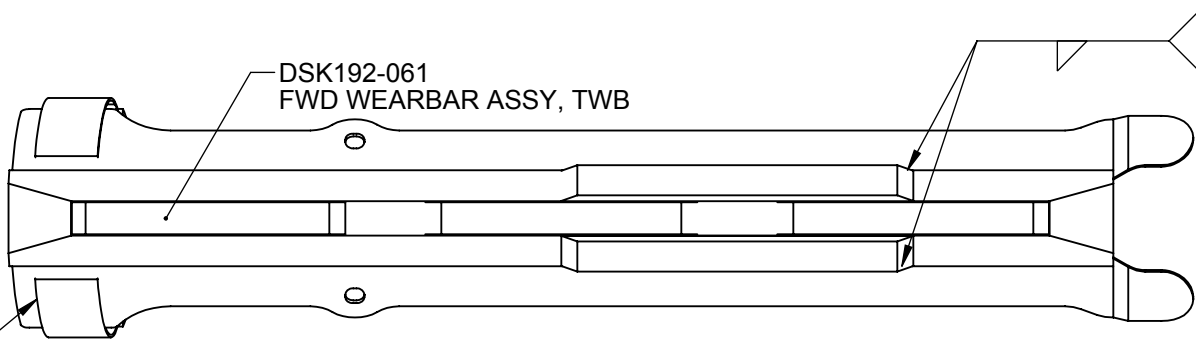
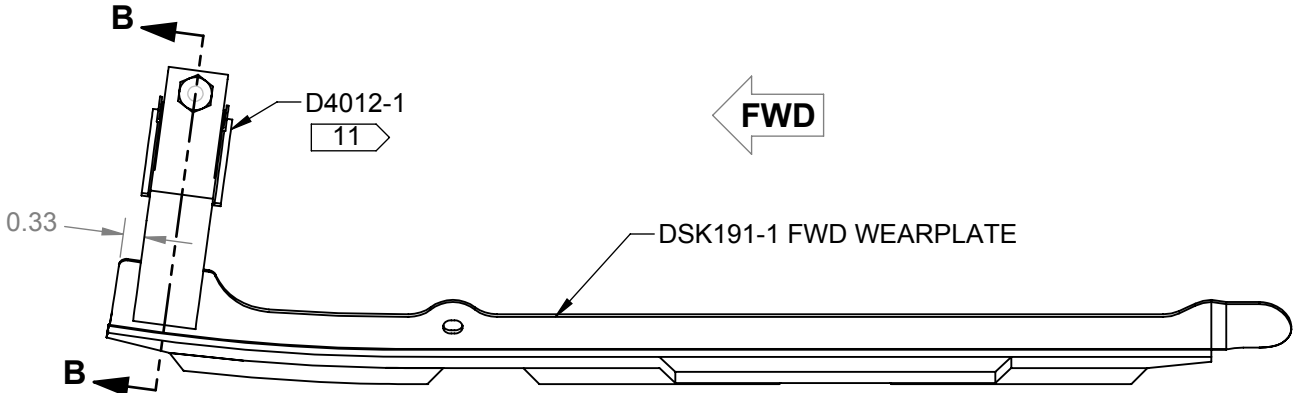
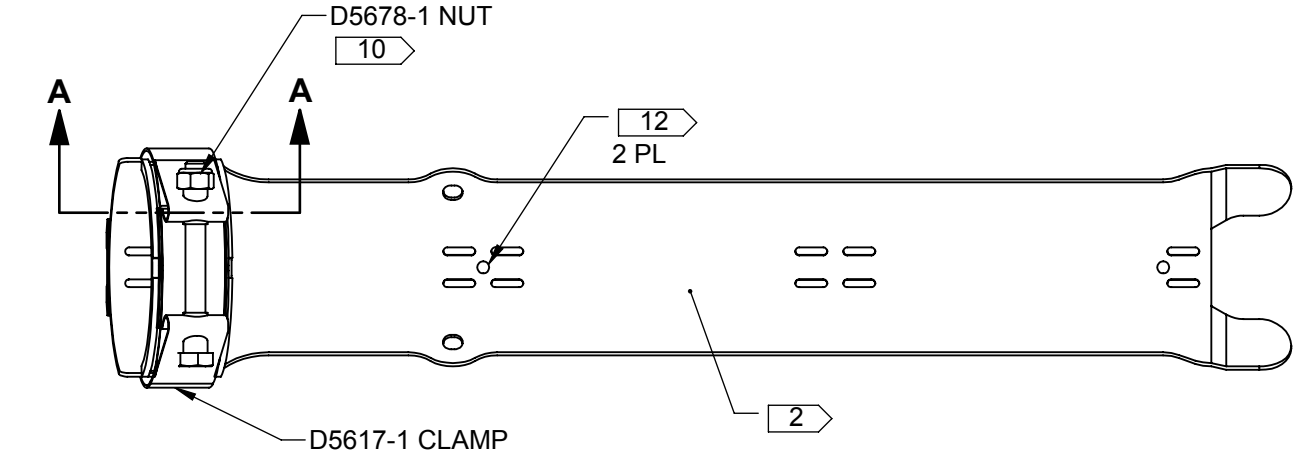
- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: COAT ENTIRE TOP (CONCAVE) SURFACE WITH TEXTURED COATING PER DART QSI 005 4.9  
MASK D5617-1 CLAMPS PRIOR TO FINISH
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "DSK191-051" AND S/N PER DART QSI 044 6.1
  - 7) WEIGHT: 3.392.85 lbs
  - 8) WELD PER DART QSI 004
  - 9) ENSURE WELDED CLAMP FITS AROUND A 3.620 DIAMETER WITH 0.375-0.500 THREADS EXPOSED WHEN SNUG
  - 10) INSTALL HAND TIGHT ONLY
  - 11) SHOWN FOR REF ONLY, SHIP LOOSE
  - 12) ALIGN HOLES IN WEARPLATE WITH HOLES IN WEARBAR, OPEN HOLES TO  $\phi$ 0.188 AFTER FINISH IF REQUIRED

PRELIMINARY ISSUE

DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	ZF		
CHECKED	SAD	DRAWING NO.	REV. A2
MFG. APPR.	DD	<b>DSK191</b>	SHEET 2 OF 15
APPROVED		TITLE	SCALE
DE APPR.		<b>TRAINING WEARPLATES</b>	NTS
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QTY -061	P/N	DESCRIPTION
X	DSK191-061	FWD WEARPLATE ASSY, TWB
1	DSK191-1	FWD WEARPLATE
1	DSK192-061	WEARBAR ASSY
1	D4012-1	CUSHION
1	D5617-1	CLAMP
1	D5678-1	NUT

11



2 PL  
8  
9

**DSK191-061 FWD WEARPLATE ASSY, TWB**

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: COAT ENTIRE TOP (CONCAVE) SURFACE WITH TEXTURED COATING PER DART QSI 005 4.9  
MASK D5617-1 CLAMPS PRIOR TO FINISH
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "DSK191-061" AND S/N PER DART QSI 044 6.1
  - 7) WEIGHT: 3.393.21 lbs
  - 8) WELD PER DART QSI 004
  - 9) ENSURE WELDED CLAMP FITS AROUND A 3.620 DIAMETER WITH 0.375-0.500 THREADS EXPOSED WHEN SNUG
  - 10) INSTALL HAND TIGHT ONLY
  - 11) SHOWN FOR REF ONLY, SHIP LOOSE
  - 12) TRANSFER DRILL  $\varnothing$ 0.188 DRAIN HOLES FROM WEARPLATE THROUGH WEARBAR, OPEN HOLES TO  $\varnothing$ 0.188 AFTER FINISH IF REQUIRED

PRELIMINARY ISSUE

DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	ZF		
CHECKED	SAD	DRAWING NO.	REV. A2
MFG. APPR.	DD	<b>DSK191</b>	SHEET 3 OF 15
APPROVED		TITLE	SCALE
DE APPR.		<b>TRAINING WEARPLATES</b>	NTS
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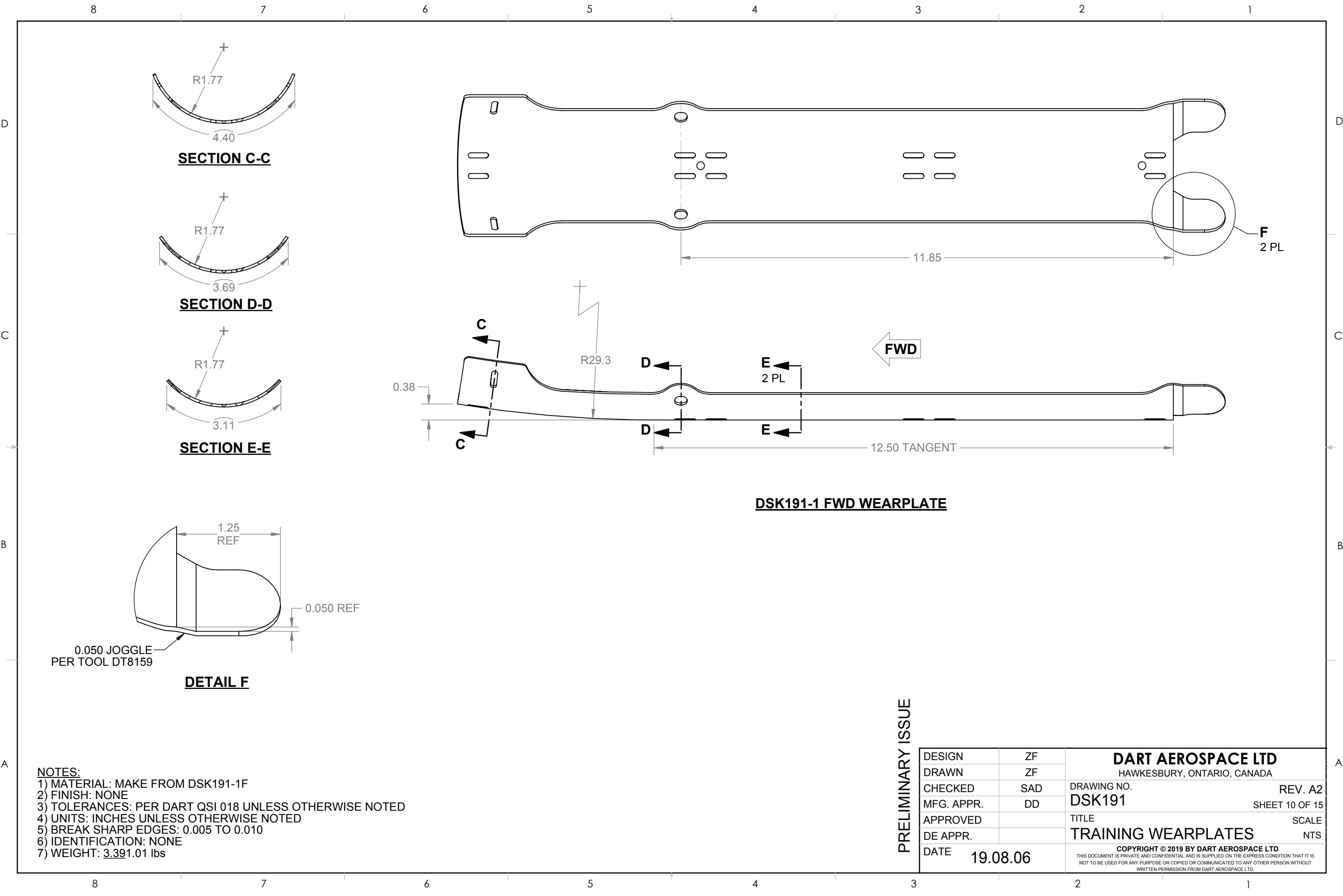










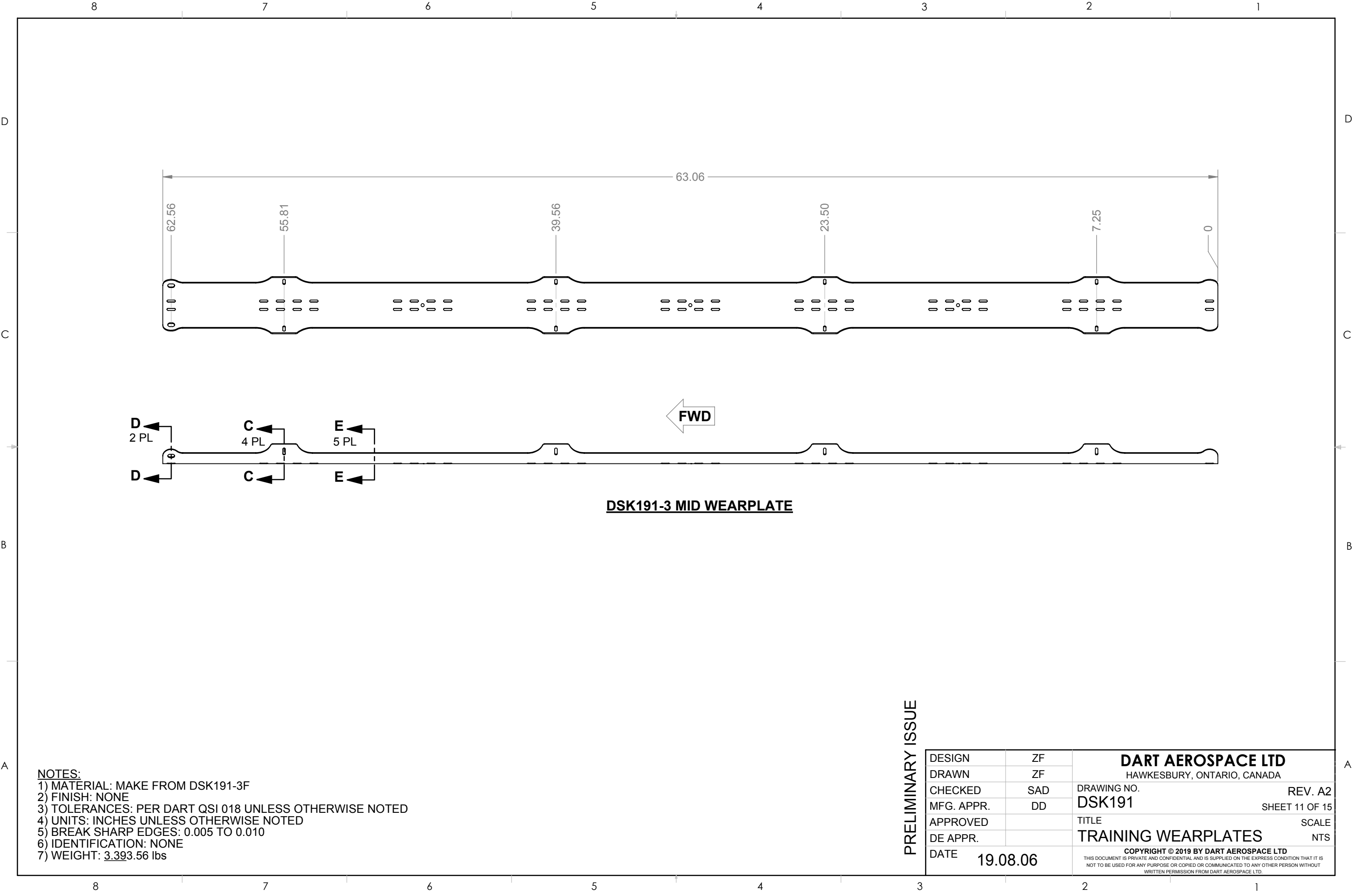


**DSK191-1 FWD WEARPLATE**

- NOTES:
- 1) MATERIAL: MAKE FROM DSK191-1F
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010
  - 6) IDENTIFICATION: NONE
  - 7) WEIGHT: 3.391.01 lbs

PRELIMINARY ISSUE

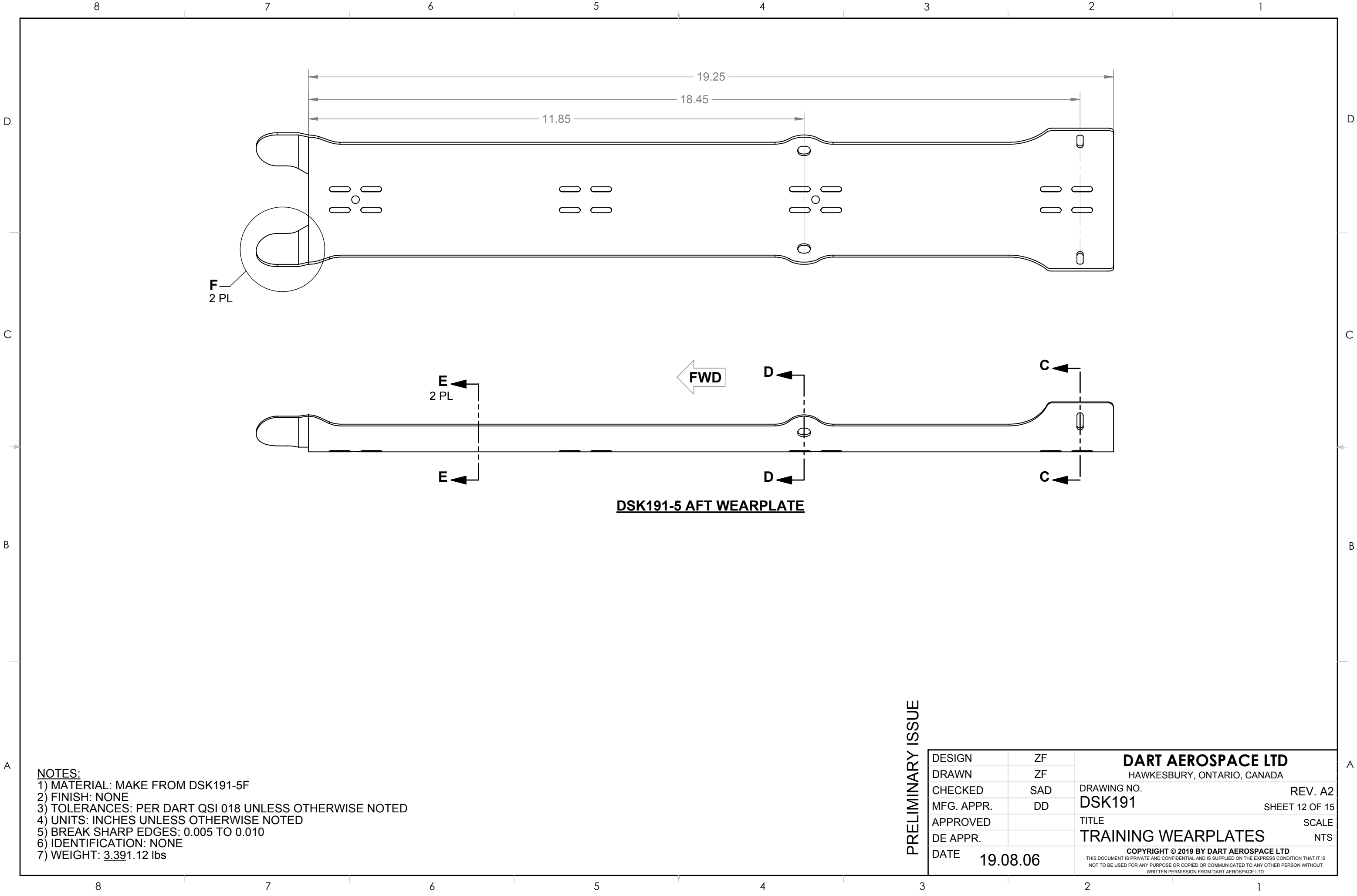
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DRAWN	ZF		
CHECKED	SAD	DRAWING NO.	REV. A2
MFG. APPR.	DD	<b>DSK191</b>	SHEET 10 OF 15
APPROVED		TITLE	SCALE
DE APPR.		<b>TRAINING WEARPLATES</b>	NTS
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- NOTES:
- 1) MATERIAL: MAKE FROM DSK191-3F
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010
  - 6) IDENTIFICATION: NONE
  - 7) WEIGHT: 3.393.56 lbs

PRELIMINARY ISSUE

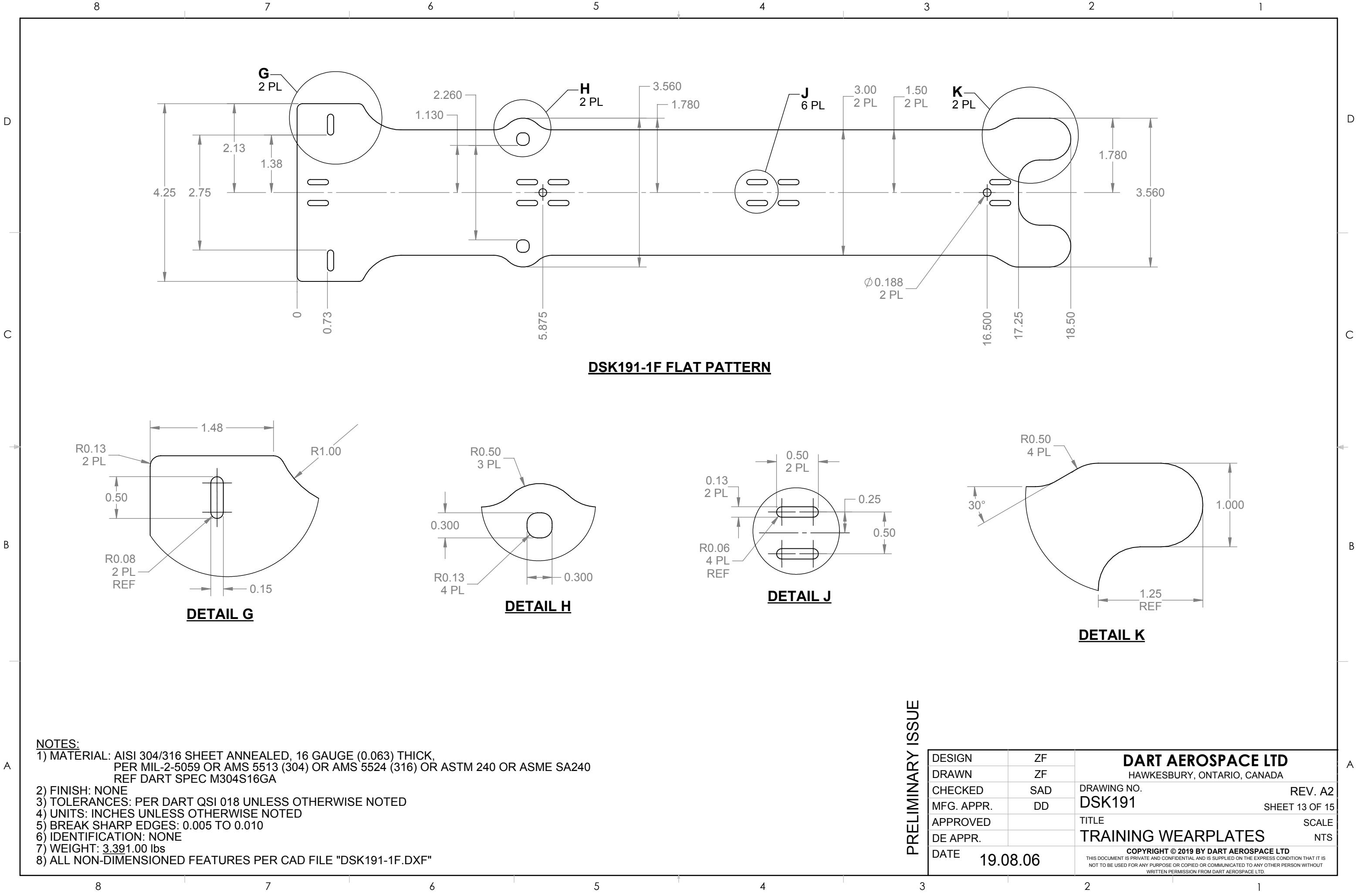
DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	ZF		
CHECKED	SAD	DRAWING NO.	REV. A2
MFG. APPR.	DD	<b>DSK191</b>	SHEET 11 OF 15
APPROVED		TITLE	SCALE
DE APPR.		<b>TRAINING WEARPLATES</b>	NTS
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NOTES:  
1) MATERIAL: MAKE FROM DSK191-5F  
2) FINISH: NONE  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010  
6) IDENTIFICATION: NONE  
7) WEIGHT: 3.391.12 lbs

PRELIMINARY ISSUE

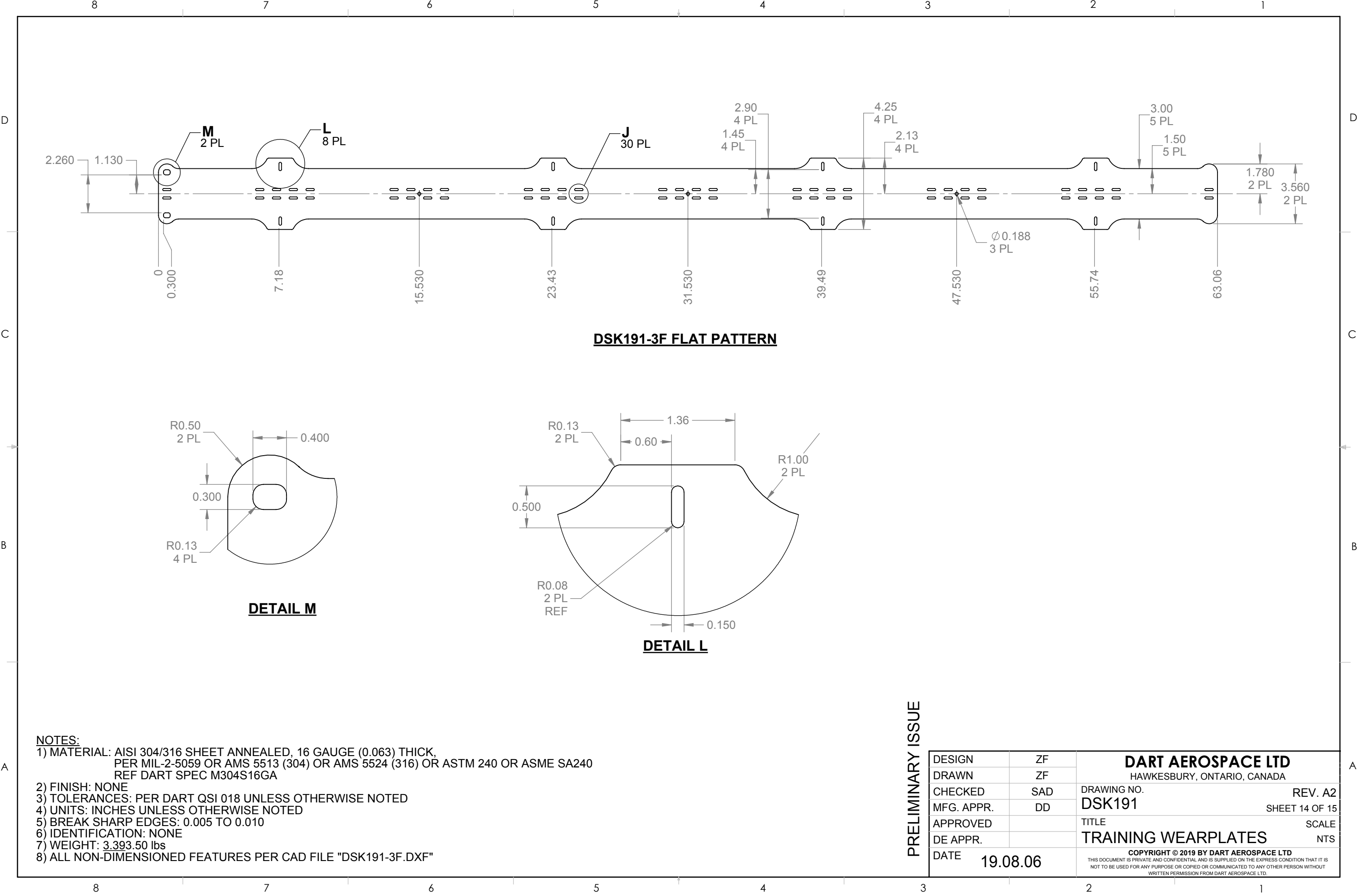
DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	ZF		
CHECKED	SAD	DRAWING NO.	REV. A2
MFG. APPR.	DD	<b>DSK191</b>	SHEET 12 OF 15
APPROVED		TITLE	SCALE
DE APPR.		<b>TRAINING WEARPLATES</b>	NTS
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NOTES:  
1) MATERIAL: AISI 304/316 SHEET ANNEALED, 16 GAUGE (0.063) THICK,  
PER MIL-2-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM 240 OR ASME SA240  
REF DART SPEC M304S16GA  
2) FINISH: NONE  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010  
6) IDENTIFICATION: NONE  
7) WEIGHT: 3.391.00 lbs  
8) ALL NON-DIMENSIONED FEATURES PER CAD FILE "DSK191-1F.DXF"

PRELIMINARY ISSUE

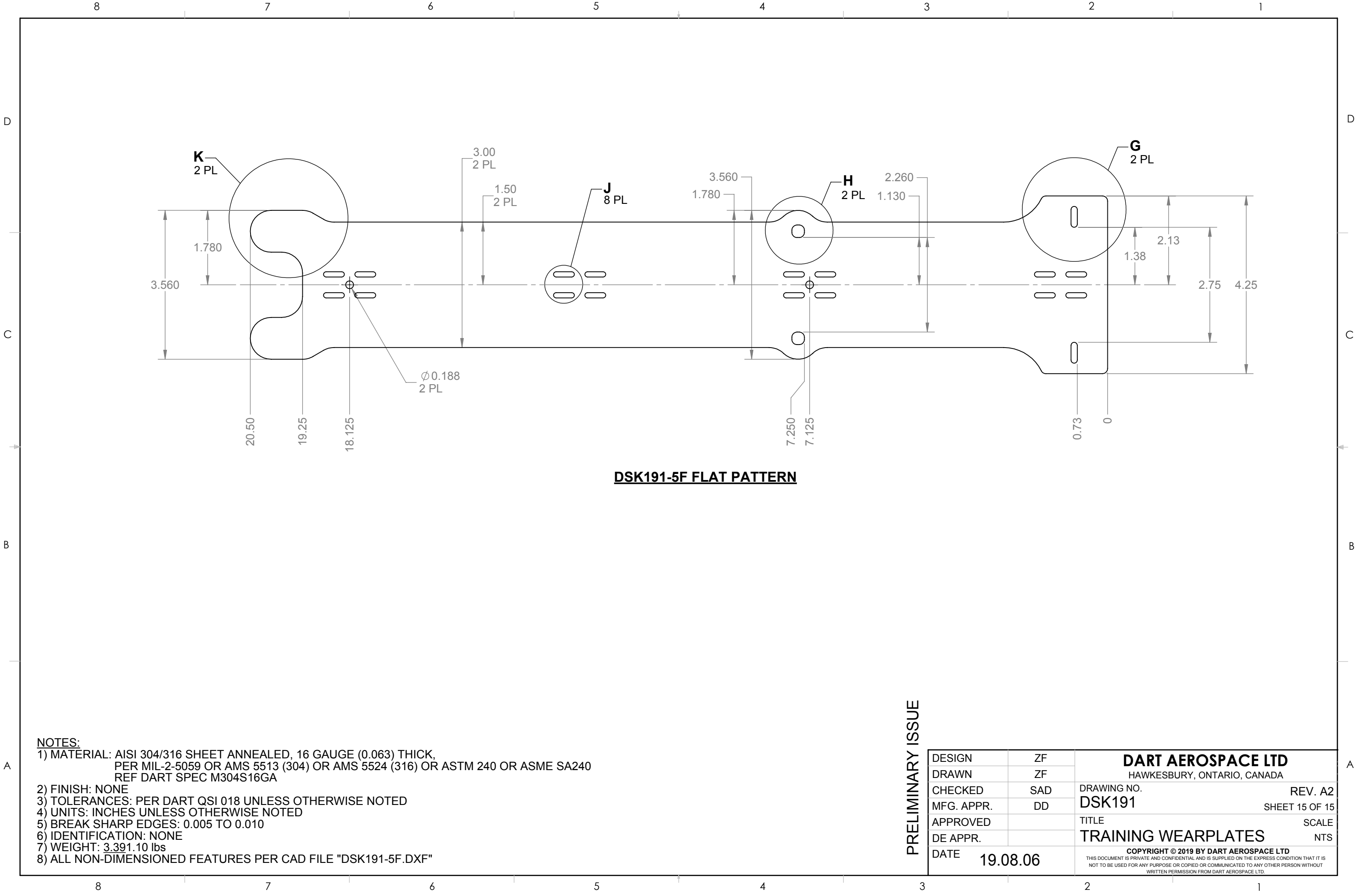
DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	ZF		
CHECKED	SAD	DRAWING NO.	REV. A2
MFG. APPR.	DD	<b>DSK191</b>	SHEET 13 OF 15
APPROVED		TITLE	SCALE
DE APPR.		<b>TRAINING WEARPLATES</b>	NTS
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- NOTES:**
- 1) MATERIAL: AISI 304/316 SHEET ANNEALED, 16 GAUGE (0.063) THICK, PER MIL-2-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM 240 OR ASME SA240 REF DART SPEC M304S16GA
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010
  - 6) IDENTIFICATION: NONE
  - 7) WEIGHT: 3.393.50 lbs
  - 8) ALL NON-DIMENSIONED FEATURES PER CAD FILE "DSK191-3F.DXF"

PRELIMINARY ISSUE

DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	ZF		
CHECKED	SAD	DRAWING NO.	REV. A2
MFG. APPR.	DD	DSK191	SHEET 14 OF 15
APPROVED		TITLE	SCALE
DE APPR.		TRAINING WEARPLATES	NTS
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- NOTES:
- 1) MATERIAL: AISI 304/316 SHEET ANNEALED, 16 GAUGE (0.063) THICK, PER MIL-2-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM 240 OR ASME SA240 REF DART SPEC M304S16GA
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010
  - 6) IDENTIFICATION: NONE
  - 7) WEIGHT: 3.391.10 lbs
  - 8) ALL NON-DIMENSIONED FEATURES PER CAD FILE "DSK191-5F.DXF"

PRELIMINARY ISSUE

DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	ZF		
CHECKED	SAD	DRAWING NO.	REV. A2
MFG. APPR.	DD	<b>DSK191</b>	SHEET 15 OF 15
APPROVED		TITLE	SCALE
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